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RAW SEQUENCE LISTING

DATE: 04/12/2002

PATENT APPLICATION: US/09/936,737A

TIME: 14:54:13

Input Set : A:\Saratin1.app

Output Set: N:\CRF3\04122002\I936737A.raw

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3 <110> APPLICANT: Merck Patent GmbH
 5 <120> TITLE OF INVENTION: Protein for blocking platelet adhesion
 7 <130> FILE REFERENCE: Saratin Sequence
 9 <140> CURRENT APPLICATION NUMBER: US/09/936,737A
 C--> 10 <141> CURRENT FILING DATE: 2002-03-04
 12 <160> NUMBER OF SEQ ID NOS: 12
 14 <170> SOFTWARE: PatentIn Ver. 2.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 375
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Hirudo medicinalis
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 23 <222> LOCATION: (64)..(372)
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 28 tca gaa gaa cgt gaa gat tgt tgg acg ttt tac gcg aac aga aaa tat 108
 29 Glu Glu Arg Glu Asp Cys Trp Thr Phe Tyr Ala Asn Arg Lys Tyr
 30 1 5 10 15
 32 aca gac ttc gat aaa tct ttt aag aag tcc tct gat ctt gac gaa tgc 156
 33 Thr Asp Phe Asp Lys Ser Phe Lys Lys Ser Ser Asp Leu Asp Glu Cys
 34 20 25 30
 36 aaa aaa aca tgt ttc aag acg gag tac tgc tac atc gtt ttt gaa gac 204
 37 Lys Lys Thr Cys Phe Lys Thr Glu Tyr Cys Tyr Ile Val Phe Glu Asp
 38 35 40 45
 40 acg gtc aac aag gaa tgt tac tac aat gtc gtt gat ggt gaa gag tta 252
 41 Thr Val Asn Lys Glu Cys Tyr Tyr Asn Val Val Asp Gly Glu Glu Leu
 42 50 55 60
 44 gac caa gaa aaa ttt gtt gtc gac gaa aac ttc acg gaa aat tat ttg 300
 45 Asp Gln Glu Lys Phe Val Val Asp Glu Asn Phe Thr Glu Asn Tyr Leu
 46 65 70 75
 48 aca gac tgc gag ggt aaa gat gca ggt aat gcg gca ggt aca ggt gac 348
 49 Thr Asp Cys Glu Gly Lys Asp Ala Gly Asn Ala Ala Gly Thr Gly Asp
 50 80 85 90 95
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 58 <211> LENGTH: 103
 59 <212> TYPE: PRT
 60 <213> ORGANISM: Hirudo medicinalis
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 63 Glu Glu Arg Glu Asp Cys Trp Thr Phe Tyr Ala Asn Arg Lys Tyr Thr

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64   1           5           10           15
66 Asp Phe Asp Lys Ser Phe Lys Lys Ser Ser Asp Leu Asp Glu Cys Lys
67           20           25           30
69 Lys Thr Cys Phe Lys Thr Glu Tyr Cys Tyr Ile Val Phe Glu Asp Thr
70           35           40           45
72 Val Asn Lys Glu Cys Tyr Tyr Asn Val Val Asp Gly Glu Glu Leu Asp
73           50           55           60
75 Gln Glu Lys Phe Val Val Asp Glu Asn Phe Thr Glu Asn Tyr Leu Thr
76 65           70           75           80
78 Asp Cys Glu Gly Lys Asp Ala Gly Asn Ala Ala Gly Thr Gly Asp Glu
79           85           90           95
81 Ser Asp Glu Val Asp Glu Asp
82           100

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86 <210> SEQ ID NO: 3

87 <211> LENGTH: 23

88 <212> TYPE: DNA

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91 <220> FEATURE:

92 <223> OTHER INFORMATION: r = a or g; m = a or c; y = c or t; and n = a or g
93 or c or t

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96 <223> OTHER INFORMATION: Description of Artificial Sequence:primer01

98 <400> SEQUENCE: 3

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211 <400> SEQUENCE: 12

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